From: Sidon, Joshua

To: Simon, Benjamin

Subject: Re: production data for NMs

Date: Monday, June 26, 2017 5:02:37 PM

Attachments: NM - contribution estimates 06262017.xlsx

Hey Ben,

The attached version has the timber economic contribution estimates. For context, the FY16 economic contribution estimates for Oregon were based on about 376K ccf resulting in 2,671 total jobs. Cascade Siskiyou's harvest of 310 mbf (~588 ccf) represents about 0.2% of the Oregon total harvest.

Let me know if you have questions. Thanks!

Josh

On Mon, Jun 26, 2017 at 2:52 PM, Simon, Benjamin < benjamin_simon@ios.doi.gov > wrote: | Hi Josh,

I will ask Nikki about the NG numbers. I will also check the permited v. billed numbers on the spreadsheet. If there are changes I think I can make the adjustments in the estimates.

Ben

On Mon, Jun 26, 2017 at 3:42 PM, Sidon, Joshua <<u>jsidon@blm.gov</u>> wrote: Hey Ben,

I'll go ahead and run timber for Cascase-Siskiyou. It'll be small but it might be worth reporting.

Follow up on Canyons of the Ancient for gas. There is over 436 million mcf reported in the spreadsheet. I'm thinking that a majority of this volume is CO2. The totals I used for Colorado for FY16 contribution analysis are 257 million mcf in natural gas and 356 million mcf in CO2. Although natural gas and CO2 are run through the same IMPLAN sector, there prices differ so I need to know volumes for both.

Lastly, I'm still working through my write ups. As I was working on grazing for Grand Canyon Parachant, I noticed that two things. First, the summary shows permitted and sold. When Kristin and I corresponded last week, I was confused by the terminology but it does seems that sold = billed (that obviously doesn't answer Kristin's question for why she is seeing permitted > sold). Second, the amount permitted is that amount that was entered into the NM production worksheet. The sold (billed) amount is quite a bit lower. That is just a heads up for folks to double check.

Thanks,

Josh

On Mon, Jun 26, 2017 at 9:39 AM, Simon, Benjamin < benjamin_simon@ios.doi.gov> wrote:

Hi Josh,

Thank you very much for these estimates. For Canyon of the Ancients, yes, use 95% of the production.

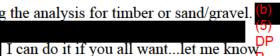
Thank you very much for helping with this.

On Mon, Jun 26, 2017 at 11:33 AM, Sidon, Joshua <<u>isidon@blm.gov</u>> wrote: Hey Ann,

Attached are contribution estimates related to grazing.

Questions on other uses:

• I really don't see the value in running the analysis for timber or sand/gravel.



• Oil and gas. For Canyon of the Ancients, there is a comment from Adam that says 95% from the monument. Should I only run 95% of the production in the analysis?

Thanks.

Josh

On Thu, Jun 22, 2017 at 3:11 PM, Miller, Ann <ann miller@ios.doi.gov> wrote: Yes, that's totally fine. Thanks for your help!

On Thu, Jun 22, 2017 at 4:55 PM, Sidon, Joshua < isidon@blm.gov> wrote: You all okay with me running the estimates early next week?

Josh

On Thu, Jun 22, 2017 at 2:53 PM, Miller, Ann <ann miller@ios.doi.gov> wrote: Hey Josh,

Thanks for helping with the econ contributions analysis for some of the commodity production on the NMs. Here is a spreadsheet of the most recent production levels that we have compiled (it's also in the PPA folder in the National Monuments google drive). Let me know if there is any additional information we can provide that would simplify this task for you.

Thanks!

Ann

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